

TYPE EXAMINATION CERTIFICATE – EC MODULE B

Certificate no.:
MEDB00008RY

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as “Forskrift om Skipsutstyr” by the Norwegian Maritime Authority. This Certificate is issued by DNV AS under the authority of the Government of Norway.

This is to certify:

that the **Portable fire extinguishers**

with type designation(s)
FEX106, FEX107, FEX109, FEX110, and FEX115

issued to

Steel Recon Industries Sdn. Bhd.
Subang Jaya, Selangor, Malaysia

is found to comply with the requirements in the following Regulations/Standards:

Regulation **(EU) 2024/1975**,

item No. MED/3.2. SOLAS 74 as amended, Regulation II-2/4, II-2/10, II-2/18, II-2/19, II-2/20 & X/3, IMO Res. A.951(23), 2000 HSC Code 7, FSS Code 4, IGF Code 11, IMO MSC.1/Circ.1239 and IMO MSC.1/Circ.1275

Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2030-03-23**.

Issued at **Høvik** on **2025-03-24**

DNV local unit:
Kuala Lumpur Verification

Approval Engineer:
Helge Bjørnara



Notified Body
No.: **0575**

for **DNV AS**

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Mydlak-Röder, Christine
Head of Notified Body



The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.
This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV AS of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.
Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Product description

"FEX106, FEX107, FEX109, FEX110, and FEX115",
portable powder fire extinguisher of size 6 kg to 12 kg.

Type	Fire rating	Temperature range [°C]	Extinguishing medium	Charge size	Assembly drawing No.
FEX106(RD)	34A, 233B, C	-20 to +60	ABC80 Powder Stored Pressure	6 kg	DR^FEX106-MS-060-XXX^2^07
FEX106(EN30)	27A, 233B, C	-30 to +60	ABC30 Powder Stored Pressure	6 kg	DR^FEX106-MS-060-XXX^2^07
FEX107(RD)	34A, 233B, C	-20 to +60	ABC80 Powder Stored Pressure	9 kg	DR^FEX107-MS-090-XXX^2^07
FEX107(EN30)	34A, 233B, C	-30 to +60	ABC30 Powder Stored Pressure	9 kg	DR^FEX107-MS-090-XXX^2^07
FEX109(RD)	34A, 233B, C	-20 to +60	ABC80 Powder Stored Pressure	6 kg	DR^FEX109-MS-060-XXX^2^07
FEX109(EN30)	34A, 233B, C	-30 to +60	ABC30 Powder Stored Pressure	6 kg	DR^FEX109-MS-060-XXX^2^07
FEX110(RD)	43A, 233B, C	-20 to +60	ABC80 Powder Stored Pressure	9 kg	DR^FEX110-MS-090-XXX^2^06
FEX110(EN30)	43A, 233B, C	-20 to +60	ABC30 Powder Stored Pressure	9 kg	DR^FEX110-MS-090-XXX^2^06
FEX115(RD)	55A, 233B, C	-20 to +60	ABC30 Powder Stored Pressure	12 kg	DR^FEX115-MS-120-XXX^2^05
FEX115(EN30)	43A, 233B, C	-20 to +60	ABC80 Powder Stored Pressure	12 kg	DR^FEX115-MS-120-XXX^2^05

Application/Limitation

Approved for use as a portable powder fire extinguisher.

Cylinder is to be PED approved and marked accordingly.

Each product is to be supplied with its manual for installation and use.

Type Examination documentation

Type	Manual	Test reports	Test reports
		EN 3-7:2004 A1:2007	EN 3-8:2021
FEX106(RD)	Installation, Operation and Maintenance Manual from SRI	285/4174568 Model FEX106 285/4510699 Part 1 EN 10636	285/4174568 Model FEX106
FEX106(EN30)	Installation, Operation and Maintenance Manual from SRI	EN 10636 EN 12302 EN 12302-1	285/4174568 Model FEX106
FEX107(RD)	Installation, Operation and Maintenance Manual from SRI	285/4174568 Model FEX107 EN 10637	285/4174568 Model FEX107
FEX107(EN30)	Installation, Operation and Maintenance Manual from SRI	EN 10637 EN 12319	285/4174568 Model FEX107
FEX109(RD)	Installation, Operation and Maintenance Manual from SRI	285/4359690 Model FEX109 EN 10638	285/4359690 Model FEX109
FEX109(EN30)	Installation, Operation and Maintenance Manual from SRI	EN 10638 EN 12303 EN 12303-1	285/4359690 Model FEX109
FEX110(RD)	Installation, Operation and Maintenance Manual from SRI	285/4359690 Model FEX110 EN 10639	285/4359690 Model FEX110
FEX110(EN30)	Installation, Operation and Maintenance Manual from SRI	EN 10639 EN 12329	285/4359690 Model FEX110
FEX115(RD)	Installation, Operation and Maintenance Manual from SRI	285/4565949 Model FEX 115	285/4565949 Model FEX 115
FEX115(EN30)	Installation, Operation and Maintenance Manual from SRI	285/4565949 Model FEX 115 EN 12388	285/4565949 Model FEX 115

Tests carried out

Tested according to EN 3-7:2004+A1:2007 and EN 3-8:2021.

Marking of product

The product is to be marked with name and address of manufacturer, type designation, the MED Mark of Conformity (see first page) and in accordance with EN 3-7, Ch. 16.2 and EN 3-8, Ch. 6.